

QPL-55110-59 <u>21-Mar-02</u> SUPERSEDING QPL-55110-58 28-Nov-01

QUALIFIED PRODUCTS LIST OF PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION MIL-PRF-55110 PRINTED WIRING BOARD, RIGID, GENERAL SPECIFICATION FOR

Effective 31 December 1998, MIL-PRF-5510 has been declared "Inactive for New Design." For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-PRF-55110 is applied.

This list has been prepared for use by or for the Government in the acquisition of Printed Wiring Boards to the performance requirements of Specification MIL-PRF-55110. This listing is not intended to and does not connote indorsement by the Department of Defense. All manufacturers listed herein have been qualified under the requirements as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing does not release the manufacturer from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE DEFENSE SUPPLY CENTER COLUMBUS (DSCC-VQE), COLUMBUS, OH 43216-5000, telephone (614) 692-0624.

Extent of qualification. Qualification of a particular board type shall be extended to cover all conductor patterns of that same board type produced. Qualification of type 3 boards shall be extended to cover type 1 and type 2 boards. Qualification of type 2 boards shall be extended to cover type 1 boards. Qualification with type GF base material shall be extended to cover types GB and GH base materials. Qualification with type GR base material shall be extended to cover type GY base material shall be extended to cover types GT and GX base materials. Qualification with type SC base material shall be extended to cover type GC base material. Qualification with type GX base material shall be extended to cover type GT base material. Qualification with types AF, BF, GB, GC, GH, GI, GM, GP, GT, or QI base material shall cover that material only.

NOTES:

- a. The QPL format includes the qualification expiration date as the last six digits of the test reference number (e.g. mm/dd/yy).
- b. An asterisk (*) adjacent to the qualification reference number denotes that the product was tested for and meets the etchback requirements.
- c. Test references beginning with "31032" indicate that qualification has been extended from a QML-31032 listing. Manufacturers with QML-31032 listings may use their QML certified, TRB approved flow to meet the requirements of MIL-PRF-55110F through appendix B.
- d. An exclamation (!) adjacent to the qualification reference number denotes compliance to Appendix B of MIL-PRF-55110. There is no qualification expiration date. See QML-31032 for detailed information about this company's capabilities.

BASE MATERIAL

- AF Aramid Fabric, Woven, Majority Polyfunctional Epoxy Resin
- BF Aramid Fabric, Nonwoven, Epoxy Resin
- BI Aramid Fabric, Nonwoven, Polyimide Resin
- GB Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention
- GC Glass Base, Woven E, Reinforcement, Majority Cyanate Ester, Flame Resistant
- GF Glass Base, Woven, Majority Difunctional Epoxy Resin, Flame Resistant
- GH Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention, Flame Resistant
- GI Glass Base, Woven, Polyimide Resin, Heat Resistant
- GM Glass Base, Woven, Triazine and/or Bismaleimide Modified Epoxy Resin, Flame Resistant
- GP Glass Base, Nonwoven, Polytetrafluoroethylene Resin, Flame Resistant
- GR Glass Base, Nonwoven, Polytetrafluoroethylene Resin, Flame Resistant
- GT Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant
- GX Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant
- GY Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant, for Microwave Application
- QI Quartz Base, Woven, Polyimide Resin, Heat Resistant
- SC Glass Base, Woven S-2, Fiber, Majority Cyanate Ester, Flame Resistant

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| AF (Type 3) | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) | TEST REFERENCE- EXPIRATION DATE (MM/DD/YY) | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) | TEST REFERENCE- EXPIRATION DATE (MM/DD/YY) |
|--|---|--|---|--|
| Cocheed Martin Integration Systems | | | | 55110-025-040404 |
| Type Printed Circuit Group (Melbourne) | | 55110-310321 | Carlo Gavazzi, Inc. | 55110-186-090902 |
| Proportion Property Propert | • , | | Cidav Printed Circuits, Ltd. | 55110-IL151-020605 |
| Commotonic Corp. S5110-088-033103' Circuit Express, Inc. S5110-098-1037029' Circuit Group (Melbourne) S5110-451-121104' Colonial Circuits, Inc. S5110-008-101502' Colonial Circuits, Inc. S5110-016-0088084 Colonial Circuits, Inc. S5110-016-0088084 Colonial Circuits, Inc. S5110-1080-0688084 Colonial Circuits, Inc. S5110-1080-0688084 Colonial Circuits, Inc. S5110-098-100082 Commontonic Corp. S5110-086-010204' Correte Circuit, Inc. S5110-086-100084 Correte Circuit, Inc. S5110-086-100084 Correte Circuit, Inc. S5110-086-1010084 Correte Circuit, Inc. S5110-1086-1010084 Correte Circuit, Inc. S5110-1086-1010084 Correte Circuit, Inc. S5110-1086-1010084 Correte Circuit, Inc. S5110-086-1010084 Correte Circuit, Inc. S5110-086-112004 Correte Circuit, Inc. S5110-086-112004 Correte Circuit, Inc. S5110-086-112004 Correte Circuit, Inc. S5110-086-112004 Correte | , | | Circast Electronics, Ltd. | 55110-U078-010103 |
| Cosmotronic Corp. 55110-088-033103* Circuit Express, Inc. 55110-198-1980/1739/02 Circuit Express, Inc. 55110-198-1980/1739/02 Circuit Group (Manchester) 55110-122-121904* Circuit Group (Manchester) 55110-122-121904* Circuit Group (Manchester) 55110-087-07202* Colins Printed Circuit Group (Stafford) 55110-081-070204* Colinal Circuits, Inc. 55110-036-072020* Colinal Circuits, Inc. 55110-121-100802* Correte, Inc. 55110-121-100802* Correte Complin, Ltd. 55110-081-080803* Correte Complin, Ltd. 55110-081-081004* Correte Correte Complin, Ltd. 55110-081-081004* Correte Complin, Ltd. 55110-081-081004* Correte Correte Complin, Ltd. 55110-081-081004* Correte | | 33110 007 003102 | Circuit Center, Inc. | 55110-195-032005* |
| Carphic Research, LLC. 55110-122-121904* Circuits CMR Lice 55110-039-727202* Circuits CMR Lice 55110-039-727202* Circuits Circuit Group (Melanchester) 55110-067-052103* Colina Printed Circuits 55110-005-111502* Colina Printed Circuits 55110-005-111502* Colina Printed Circuits 55110-005-111502* Colina Printed Circuits 55110-005-111502* Colina Printed Circuits Colina Printed Circuit Colina Printed Circuits Colina Printed Circuits Colina Printed Circuit C | | | Circuit Express, Inc. | 55110-109-080103* |
| Tyco Printed Circuit Group (Manchester) 55110-067-052103* Coline Printed Circuits Coline Circu | | | Circuits CMR Ltee | 55110-99139-072902* |
| Type Printed Circuit Group (Melbourne) | | 55110-122-121904* | Cirtech, Inc. | 55110-003-072702* |
| Colonal Circuits, Inc. S5110-104-0989087 | , | 55110-067-052103* | Collins Printed Circuits | 55110-005-111502* |
| Compunetics, Inc. S5110-221-21008002 | Tyco Printed Circuit Group (Melbourne) | 55110-145-121104* | Colonial Circuits, Inc. | 55110-140-080804* |
| Cosmotronic Corp. S5110-086-010204* Corretec, Inc. S5110-00801-0590803* | Tyco Printed Circuit Group (Stafford) | 55110-091-070204* | Compunetics, Inc. | 55110-212-100802 |
| Cosmotronic Corp. 55110-086-010204" Coretec, Inc. 55110-00061-050803" Electro Plate Circuitry, Inc. 55110-0585-010703" Cosmotronic Corp. 55110-0581-010041" Corp. 55110-0581-010041" Delta Circuit Technology, Inc. 55110-0581-0101041 Diversified Systems, Inc. 55110-051-041103 Diversified Systems, Inc. 55110-051-041103 Lockheed Martin Integration Systems 55110-0102-202003" Dyonoex AG 55110-082-03203" Dyonoex AG 55110-082-03104 Lockheed Martin Integration Systems 55110-1010-012503" Dynamic and Proto Circuit 55110-162-062502" Dynamic Details, Inc. (Milpitas) 55110-03021 S5110-03021 Dynamic Details, Inc. (Milpitas) 55110-038-011405" Dynamic Details, Inc. (Milpitas) 55110-038-011405" Dynamic Details, Inc. (Sterling) Dynamic Details, Inc. (Sterl | BI (Type 3) | | Coretec Comelin, Ltd. | 55110-U080-062803 |
| Electro Plate Circuitry, Inc. 55110-265-010703* Cosmotronic Corp. 55110-058-101004* Graphico Reasearch, LCC. 55110-175-121904* Delta Circuit Technology, Inc. 55110-0177-121203* Graphico Electronics Group 55110-2012-010404* Diversified Systems, Inc. 55110-061-041103 Lockheed Martin Integration Systems 55110-31032! Dynaco Corp. 55110-62-062502* PCB, Ltd. 55110-11001-012503* Dynamic and Proto Circuit 55110-31032! Sovereign Circuits, Inc. 55110-31032!* Dynamic Details, Inc. (Milpitas) 55110-08-110204* Tyco Printed Circuit Group (Manchester) 55110-040-091704* Dynamic Details, Inc. (Milpitas) 55110-08-070104 Tyco Printed Circuit Group (Manchester) 55110-0460-091704* Electro Mechanical Design Services, Inc. 55110-047-031404 Tyco Printed Circuit Group (Melbourne) 55110-146-121104* Electro Plate Circuit, Inc. 55110-047-031404 Tyco Printed Circuit Group (Klefford) 55110-337-083102* Electropac Canada, Inc. 55110-147-020405* Tyco Printed Circuit Group (Klefford) 55110-3302! Electropac Canada, Inc. 55110-1164-101104 Tyco Printed Circuit Group (Klefford) 55110-3302! Electropac Canada, Inc. 55110-1164-101104 Tyco Printed Circuit Group (Klefford) 55110-3302! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit Group (Klefford) 55110-3302! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-3302! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-33032! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-33032! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-33032! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-33032! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-33032! Electropac Canada, Inc. 55110-126-031905* Tyco Printed Circuit, Inc. 55110-126-031905* Electropath, Inc. 55110-126-031905* Tyco Prin | Cosmotronic Corp. | 55110-086-010204* | Coretec. Inc. | |
| Graphic Reasearch, LCC. 55110-175-121904* Delta Circuit Technology, Inc. 55110-177-121203* Graphic Electronics Group 55110-01012-010404* Diversified Systems, Inc. 55110-051-041103 Hunter Technology 55110-0262-00203* Dyconex AG 55110-052-062502* PCB, Ltd. 55110-1001-012503* Dynamic and Proto Circuit 55110-1032! SAS Circuits, Inc. 55110-1004-091704* Dynamic Details, Inc. (Milpitas) 55110-018-110204* Sovereign Circuits, Inc. 55110-104-091704* Dynamic Details, Inc. (Milpitas) 55110-036-011405* Tyco Printed Circuit Group (Maustin) 55110-104-091704* Dynamic Details, Inc. (Sterling) 55110-036-011405* Tyco Printed Circuit Group (Manchester) 55110-03032! Eldec Corp. 55110-086-070104 Tyco Printed Circuit Group (Melbourne) 55110-146-121104* Electro Plate Circuitry, Inc. 55110-047-031404 Young Electronics 55110-139-102904* Electro Plate Circuitry, Inc. 55110-0164-101104 Lockheed Martin Integration Systems 55110-31032! Electro Plate Circuits Corp. 55110-0164-101104 Beaver Brook Circuits, Inc. 55110-02103-021020 Future Technology< | Electro Plate Circuitry, Inc. | 55110-265-010703* | • | 55110-058-101004* |
| Stant | Graphic Reasearch, LCC. | 55110-175-121904* | • | |
| Hunter Technology | Graphico Electronics Group | 55110-01012-010404* | | |
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| Eltek, Ltd 55110-107-020805 | Young Electronics | 55110-139-102904* | | |
| Lockheed Martin Integration Systems 55110-31032! EPEC, Inc. 55110-112-020405 Beaver Brook Circuits, Inc. 55110-044-021003 Futura Circuits Technology 55110-050-112904 Circuitek 55110-025-120902 Future Technology 55110-043-030103* Electropath, Inc. 55110-287-070202 Graphic Plc 55110-045-060802 Elreha Printed Circuits Corp. 55110-213-032903 Graphic Research, LLC. 55110-172-121904* EPEC, Inc. 55110-112-020405 Graphico Electronics Group 55110-99027-030102* Futura Circuits 55110-163-101303 GTC Circuits Corp. 55110-133-091303* Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-2L-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-060-031604* Honeywell Advanced Circuits, Inc. 55110-037-041003* A & C Electronics 55110-050-042602* Hunter Technology 55110-037-041003* Action Computer Products, Inc. 55110-121-090804* IMI, Inc. 55110-022-011904* Advanced Flex, Inc. 55110-068-020805* KCA Electronics | | | · | |
| Beaver Brook Circuits, Inc. 55110-044-021003 Futura Circuits & Technology 55110-050-112904 | | EE440 24020I | | |
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| Circuitek 55110-025-120902 Future Technology 55110-043-030103* Electropath, Inc. 55110-287-070202 Graphic Plc 55110-U065-060802 Elreha Printed Circuits Corp. 55110-213-032903 Graphic Research, LLC. 55110-172-121904* EPEC, Inc. 55110-112-020405 Graphico Electronics Group 55110-99027-030102* Futura Circuits 55110-163-101303 GTC Circuits Corp. 55110-133-091303* Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-2L-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* Honeywell Advanced Circuits, Inc. 55110-184-110804* A & C Electronics 55110-050-042602* Hunter Technology 55110-037-041003* Accurate Engineering Corporation 55110-121-090804* IMI, Inc. 55110-022-011904* Advanced Flex, Inc. 55110-154-011004* ITL Circuits, Ltd. 55110-02163-011105* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-020-102802* | , , , | | . | |
| Electropath, Inc. 55110-287-070202 Graphic Plc 55110-U065-060802 Elreha Printed Circuits Corp. 55110-213-032903 Graphic Research, LLC. 55110-172-121904* EPEC, Inc. 55110-112-020405 Graphico Electronics Group 55110-99027-030102* Futura Circuits 55110-163-101303 GTC Circuits Corp. 55110-133-091303* Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-ZL-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* Honeywell Advanced Circuits, Inc. 55110-084-110804* A & C Electronics 55110-050-042602* Accurate Engineering Corporation 55110-121-090804* IMI, Inc. 55110-022-011904* Action Computer Products, Inc. 55110-154-011004* Invotec Circuits Tamworth, Ltd. 55110-02163-011105* Advanced Flex, Inc. 55110-068-020805* KCA Electronics (Anaheim) 55110-074-022505* KCA Electronics (Placentia) 55110-202-102802* | Beaver Brook Circuits, Inc. | 55110-044-021003 | | |
| Elreha Printed Circuits Corp. 55110-213-032903 Graphic Research, LLC. 55110-172-121904* EPEC, Inc. 55110-112-020405 Graphico Electronics Group 55110-99027-030102* Futura Circuits 55110-163-101303 GTC Circuits Corp. 55110-133-091303* Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-ZL-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* GF (Type 3) Hunter Technology 55110-037-041003* A & C Electronics 55110-1050-042602* Accurate Engineering Corporation 55110-121-090804* Action Computer Products, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-068-020805* KCA Electronics (Anaheim) 55110-022-0102802* | Circuitek | 55110-025-120902 | •• | |
| EPEC, Inc. 55110-112-020405 Graphico Electronics Group 55110-99027-030102* Futura Circuits 55110-163-101303 GTC Circuits Corp. 55110-133-091303* Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-2L-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* GF (Type 3) Honeywell Advanced Circuits, Inc. 55110-037-041003* A & C Electronics 55110-050-042602* Accurate Engineering Corporation 55110-121-090804* Action Computer Products, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-068-020805* KCA Electronics (Anaheim) 55110-074-022505* KCA Electronics (Placentia) 55110-202-102802* | Electropath, Inc. | 55110-287-070202 | , | |
| Futura Circuits 55110-163-101303 GTC Circuits Corp. 55110-133-091303* Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-2L-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* GF (Type 3) A & C Electronics 55110-050-042602* Accurate Engineering Corporation 55110-121-090804* Action Computer Products, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-154-011004* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-074-022505* KCA Electronics (Placentia) 55110-202-102802* | Elreha Printed Circuits Corp. | 55110-213-032903 | • | |
| Tri-Star Engineered Products, Inc. 55110-116-061602 Hans Brockstedt GmbH and Co. 55110-ZL-5/99-062502 Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* Honeywell Advanced Circuits, Inc. 55110-184-110804* Hunter Technology 55110-037-041003* Accurate Engineering Corporation 55110-121-090804* Action Computer Products, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-154-011004* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-202-102802* | EPEC, Inc. | 55110-112-020405 | · | |
| Xcel Corp 55110-101-050502 Holaday Circuits, Inc. 55110-006-031604* GF (Type 3) Honeywell Advanced Circuits, Inc. 55110-184-110804* A & C Electronics 55110-050-042602* Hunter Technology 55110-037-041003* Accurate Engineering Corporation 55110-121-090804* IMI, Inc. 55110-022-011904* Action Computer Products, Inc. 55110-105-071902* Invotec Circuits Tamworth, Ltd. 55110-02163-011105* Advanced Flex, Inc. 55110-154-011004* KCA Electronics (Anaheim) 55110-074-022505* Ambitech, Inc 55110-008-020805* KCA Electronics (Placentia) 55110-202-102802* | Futura Circuits | 55110-163-101303 | GTC Circuits Corp. | 55110-133-091303* |
| Honeywell Advanced Circuits, Inc. 55110-184-110804* A & C Electronics 55110-050-042602* Hunter Technology 55110-037-041003* Accurate Engineering Corporation 55110-121-090804* IMI, Inc. 55110-022-011904* Action Computer Products, Inc. 55110-105-071902* Invotec Circuits Tamworth, Ltd. 55110-02163-011105* Advanced Flex, Inc. 55110-154-011004* ITL Circuits, Ltd. 55110-02163-011105* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-202-102802* KCA Electronics (Placentia) 55110-202-102802* | Tri-Star Engineered Products, Inc. | 55110-116-061602 | Hans Brockstedt GmbH and Co. | 55110-ZL-5/99-062502 |
| A & C Electronics 55110-050-042602* Hunter Technology 55110-037-041003* Accurate Engineering Corporation 55110-121-090804* IMI, Inc. 55110-022-011904* Action Computer Products, Inc. 55110-105-071902* Invotec Circuits Tamworth, Ltd. 55110-02163-011105* Advanced Flex, Inc. 55110-154-011004* KCA Electronics (Anaheim) 55110-074-022505* KCA Electronics (Placentia) 55110-202-102802* | Xcel Corp | 55110-101-050502 | Holaday Circuits, Inc. | 55110-006-031604* |
| A & C Electronics 55110-050-042602* Accurate Engineering Corporation 55110-121-090804* Action Computer Products, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-154-011004* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-202-102802* | GF (Type 3) | | Honeywell Advanced Circuits, Inc. | 55110-184-110804* |
| Action Computer Products, Inc. 55110-105-071902* Invotec Circuits Tamworth, Ltd. 55110-U083-062304 Advanced Flex, Inc. 55110-154-011004* KCA Electronics (Anaheim) 55110-02163-011105* KCA Electronics (Placentia) 55110-202-102802* | A & C Electronics | 55110-050-042602* | Hunter Technology | 55110-037-041003* |
| Action Computer Products, Inc. 55110-105-071902* Advanced Flex, Inc. 55110-154-011004* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-202-102802* KCA Electronics (Placentia) 55110-202-102802* | Accurate Engineering Corporation | 55110-121-090804* | IMI, Inc. | 55110-022-011904* |
| Advanced Flex, Inc. 55110-154-011004* ITL Circuits, Ltd. 55110-02163-011105* Ambitech, Inc 55110-068-020805* KCA Electronics (Anaheim) 55110-074-022505* KCA Electronics (Placentia) 55110-202-102802* | Action Computer Products, Inc. | 55110-105-071902* | Invotec Circuits Tamworth, Ltd. | 55110-U083-062304 |
| KCA Electronics (Placentia) 55110-202-102802* | Advanced Flex, Inc. | 55110-154-011004* | ITL Circuits, Ltd. | 55110-02163-011105* |
| KCA Electronics (Placentia) 55110-202-102802* | Ambitech, Inc | 55110-068-020805* | KCA Electronics (Anaheim) | 55110-074-022505* |
| -2- | | | | 55110-202-102802* |

| | TEST REFERENCE- | | TEST REFERENCE- |
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| SUPPLIER'S NAME (ADDRESS ON LAST PAGE) | EXPIRATION DATE (MM/DD/YY) | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) | EXPIRATION DATE (MM/DD/YY) |
| L3 Communicaions | 55110-177-102504* | The Bureau Electronics Group | 55110-233-020203 |
| Lockheed Martin Integration Systems | 55110-31032! | Thomas Walter, Ltd | 55110-U075-082702* |
| Lockheed Martin Missiles & Fire Control- | 55110-31032! | Trans/Circuits, Inc. | 55110-065-070802* |
| Orlando | | Transline Technology, Inc. | 55110-080-080903* |
| Marlo Electronics, Inc. | 55110-131-101203* | Tyco Printed Circuit Group (Austin) | 55110-31032! |
| Melta, Ltd. | 55110-IL002-053104 | Tyco Printed Circuit Group (Manchester) | 55110-113-070802* |
| Metaplast Circuits, Ltd. | 55110-02072-011005* | Tyco Printed Circuit Group (Melbourne) | 55110-147-101704* |
| Micro Via Inc. | 55110-169-072802 | Tyco Printed Circuit Group (Santa Clara) | 55110-124-090102* |
| Midwest Printed Circuits Services | 55110-069-072703* | Tyco Printed Circuit Group (Stafford) | 55110-013-010904* |
| Mitsubishi Electric Corp. | 55110-201-010403 | United Circuits, Inc. | 55110-024-031304* |
| Mosaic Printed Circuits, LLC | 55110-057-011602* | Universal Circuits, Inc. | 55110-160-112004* |
| Multi-Plate Circuits, Inc. | 55110-079-060302* | Valley Circuits, Inc. | 55110-110-111504* |
| North Texas Circuit Board | 55110-188-102504* | Vermont Circuits, Inc. | 55110-130-042702* |
| Northrop Gruman | 55110-197-100802* | Viasystems Mommers , B.V. | 55110-138-031105 |
| OK Print Corp. | 55110-066-010205 | Viasystems Tyneside, Ltd. | 55110-U081-100503 |
| P.C. World | 55110-01015-010204* | Westak of Oregon | 55110-100-040902* |
| PCB, Ltd. | 55110-IL006-012503* | WR-ALC/LYP | 55110-255-102902* |
| Petasys Co., Ltd. | 55110-034-050204 | W-Tek, Inc. | 55110-248-030103 |
| Philway Products, Inc. | 55110-31032! | Young Electronics | 55110-138-102904* |
| Pho-Tronics, Inc. | 55110-179-091602* | GI (Type 3) | |
| Pioneer Circuits, Inc | 55110-053-100504* | A & C Electronics | 55110-064-060604* |
| Precision Diversified Industries, LLC | 55110-089-031105* | Accurate Engineering Corporation | 55110-221-112302* |
| Printca A/S | 55110-111-030302 | Action Computer Products | 55110-106-082602* |
| Printed Circuits, Inc. | 55110-31032! | Advanced Flex, Inc. | 55110-048-070604* |
| Pro-Circuits Co., Inc. | 55110-039-011505* | Ambitech, Inc | 55110-069-020805* |
| Pronto Circuit Technologies | 55110-116-062903 | Aselsan Military Electronics Industries, Inc. | 55110-059-020805 |
| Proto Circuit, Inc. | 55110-31032! | AVI & Peschard | |
| Prototron Circuits Southwest, Inc. | 55110-093-061303 | | 55110-020-051202 |
| Rapid Circuits, Inc. | 55110-001-112704 | Circuit Center, Inc. | 55110-041-060503* 55110-084-121904* |
| RexCan Circuits, Inc. | 55110-00079-083003 | Circuit Express, Inc. Cirtech, Inc. | 55110-084-121904 |
| Rigiflex Technology | 55110-189-100802* | Collins Printed Circuits | |
| RJR Circuits, Inc. | 55110-139-080403* | | 55110-006-111502* 55110-185-012305* |
| Sanmar Micropack, Ltd. | 55110-019-022503* | Computation Inc. | |
| Sanmina | 55110-135-060902*, | Compunetics, Inc. Coretec, Inc. | 55110-088-100904* 55110-00002-040603* |
| | 55110-31032! | | |
| SAS Circuits, Inc. | 55110-041-103104*, 55110-31032! | Cosmotronic Corp. Delta Circuit Technology, Inc. | 55110-057-082404* 55110-067-061404* |
| Sierra Circuits, Inc. | 55110-101-083003 | Dyconex AG | 55110-145-041203* |
| Sovereign Circuits, Inc. | 55110-054-050103* | Dynaco Corp. | 55110-163-062502* |
| Speedy Circuits, Inc. | 55110-217-112402* | Dynamic & Proto Circuits, Inc. | 55110-31032! |
| Syncom Engineering | 55110-112-011005* | Dynamic Details, Inc. (Milpitas) | 55110-258-111702* |
| Taylor Technologies, Inc. | 55110-129-100404 | Dynamic Details, Inc. (Sterling) | 55110-036-011405* |
| Teradyne Inc. | 55110-31032! | Eastern Manufacturing Corp. | 55110-011-010303* |
| Thales Nederland B.V. | 55110-030-101903* | Electro Plate Circuitry, Inc. | 55110-084-050204* |
| • | | Licetio i late Offcultry, IIIc. | JULIU 004-0J0204 |

| SUPPLIER'S NAME (ADDRESS ON LAST PAGE) | TEST REFERENCE- EXPIRATION DATE (MM/DD/YY) | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) | TEST REFERENCE- EXPIRATION DATE (MM/DD/YY) |
|---|--|---|--|
| Eltek, Ltd | 55110-IL004-041803 | Sun Circuits, Inc. | 55110-127-042902* |
| Etch-Tek Electronics Corp. | 55110-187-020805* | Syncom Engineering | 55110-171-060402* |
| Futura Circuits | 55110-126-110703* | Taylor Technologies, Inc. | 55110-128-100404 |
| Future Technology | 55110-042-030103* | Teradyne Inc. | 55110-31032! |
| Graphic Reasearch, LLC. | 55110-174-121904* | Thales Nederland B.V. | 55110-031-031702* |
| Graphio Electronics, Ltd. | 55110-99167-072902* | Thomas Walter, Ltd | 55110-U072-032003* |
| GTC Circuits Corp. | 55110-166-110903* | Tyco Printed Circuit Group (Austin) | 55110-31032! |
| Holaday Circuits, Inc. | 55110-007-031604* | Tyco Printed Circuit Group (Melbourne) | 55110-132-020605* |
| Honeywell Advanced Circuits, Inc. | 55110-176-032005* | Tyco Printed Circuit Group (Santa Clara) | 55110-123-102902* |
| Hunter Technology Corp. | 55110-038-071302* | Tyco Printed Circuit Group (Stafford) | 55110-068-042704* |
| IMI, Inc. | 55110-052-041604* | Universal Circuits, Inc. | 55110-161-112904* |
| Invotec Circuits Tamworth, Ltd. | 55110-U077-011403* | Valley Circuits, Inc. | 55110-111-081604* |
| ITL Circuits | 55110-00052-071103* | Westak of Oregon | 55110-106-072503* |
| Johns Hopkins University | 55110-078-052404 | W-Tek, Inc. | 55110-137-121104* |
| KCA Electronics (Anaheim) | 55110-073-022505* | Young Electronics | 55110-032-010603* |
| KCA Electronics (Placentia) | 55110-203-020403* | GM (Type 3) | |
| L3 Communicaions | 55110-225-111702* | Advanced Flex, Inc. | 55110-034-031902* |
| Lockheed Martin Integration Systems | 55110-31032! | Collins Printed Circuits | 55110-075-032602* |
| Lockheed Martin Missiles & Fire Control- Orlando | 55110-31032! | Graphico Electronics Corp | 55110-99026-030902* |
| Melta, Ltd. | 55110-IL006-110904 | PCB, Ltd. | 55110-IL003-103104* |
| Metaplast Circuits, Ltd. | 55110-01166-112004 | Philway Products, Inc. | 55110-31032! |
| Micom Corporation | 55110-267-052202* | Pho-Tronics, Inc. | 55110-181-102202* |
| Multi-Plate Circuits, Inc. | 55110-078-042702* | RJR Circuits, Inc. | 55110-161-042304* |
| North Texas Circuit Board | 55110-189-112104* | SAS Circuits, Inc. | 55110-051-042302* |
| Northrup Grumman | 55110-198-100102* | Tyco Printed Circuit Group (Manchester) | 55110-112-052102* |
| Philway Products, Inc. | 55110-31032! | Tyco Printed Circuit Group (Melbourne) | 55110-220-102902* |
| Pho-Tronics, Inc. | 55110-180-102202* | Tyco Printed Circuit Group (Stafford) | 55110-070-042704* |
| Pioneer Circuits, Inc | 55110-036-022005* | Universal Circuits, Inc. | 55110-162-123104* |
| Precision Diversified Industries, LLC | 55110-263-122802* | GR (Type 2) | |
| Precision Prototypes, Inc. | 55110-129-090702 | Cirtech, Inc. | 55110-169-012205 |
| Printca A/S | 55110-035-120102 | Graphic Research LLC | 55110-022-061303 |
| Printed Circuits, Inc. | 55110-31032! | P.C. Dynamics Corp. | 55110-052-011005 |
| Proto Circuit, Inc. | 55110-31032! | Speedy Circuits, Inc. | 55110-042-070102 |
| Prototron Circuits Southwest, Inc. | 55110-155-100504* | Tyco Printed Circuit Group (San Diego) | 55110-249-122302 |
| Rigiflex Technology, Inc. | 55110-188-090602* | GX (Type 2) | |
| RJR Circuits, Inc. | 55110-140-080403* | Graphico Electronics Group | 55110-01126-111404 |
| Sanmina | 55110-120-080103*, 55110-31032! | Tyco Printed Circuit Group (San Diego) | 55110-250-122302 |
| SAS Circuits, Inc. | 55110-259-012003*, | GY (Type 2) Collins Printed Circuits | 55110-107-080804 |
| Sierra Circuite Inc | 55110-31032! 55110-102-083003 | Colonial Circuits, Inc. | 55110-060-050903 |
| Sierra Circuits, Inc. | 55110-102-083003 | Compunetics, Inc. | 55110-119-032005 |
| Sovereign Circuits, Inc. | 55110-055-050103* | Graphic Research LLC | 55110-021-061303 |
| Speedy Circuits, Inc. | 55110-042-061504* | P.C. Dynamics Corp. | 55110-053-011005 |
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(MM/DD/YY)

Speedy Circuits, Inc. 55110-098-070102

RO 4003 (Type 3)

PCB, Ltd. 55110-IL006-083003*

SC (Type 3)

Tyco Printed Circuit Group (Stafford) 55110-156-100104

Manufacturer: A & C Electronics (CAGE Code: 65812) Location: 18153 Napa Street, Northridge, CA 91325, US

Plant Location: Same Address as Manufacturer

Manufacturer: Accurate Engineering Corporation (CAGE Code: 1W538)

Location: 8710 TelFair Avenue, Sun Valley, CA 91352, US

Plant Location: Same Address as Manufacturer

Manufacturer: Action Computer Products, Inc. (CAGE Code: 55265)

Location: 16300 Lindbergh Street, Van Nuys, CA 91406-1708, US

Plant Location: Same Address as Manufacturer

Manufacturer: Advanced Flex, Inc. (CAGE Code: 61185)
Location: 15115 Industrial Road, Minnetonka, MN 55435-2191, US

Plant Location: Same Address as Manufacturer

Manufacturer: Ambitech, Inc (CAGE Code: 51484)
Location: 8944 Fullbright Avenue, Chatsworth, CA 91311, US

Plant Location: Same Address as Manufacturer

Manufacturer: Aselsan Military Electronics Industries, Inc. (CAGE Code: T0258)

Location: P.O. Box 101, 06172 Yenimahalle, Ankara, Turkey

Plant Location: Same Address as Manufacturer

Manufacturer: AVI & Peschard (CAGE Code: FA4E4)

Location: Z.A.C. De La Goulgatiere - B.P. 41, 3522 Chateaubourg Cedek, France

Plant Location: Same Address as Manufacturer

Manufacturer: Beaver Brook Circuits, Inc. (CAGE Code: 0B3M0)

Location: P. O. Box 288, Bethel, CT 06801, US

Plant Location: 10 Grassy Plain Street, Bethel, CT 06801, US

Manufacturer: Carlo Gavazzi, Inc. (CAGE Code: 51398) Location: 10 Mupac Drive, Brockton, MA 02401-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cidav Printed Circuits, Ltd. (CAGE Code: SF069)

Location: P.O. Box 10191, Naharia 22001, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: CIMULEC (CAGE Code: 0YWUL)Location: Z.I. Les Jonquires, 57365 Ennery, France

Plant Location: Same Address as Manufacturer

Manufacturer: Circast Electronics, Ltd. (CAGE Code: U4375)

Location: Ramsey Road, Sydenham Industrial Estate, Leamington S.p.A. CV31 1PG, UK

Manufacturer: Circuit Center, Inc. (CAGE Code: 8T428) Location: 4738 Gateway Circle, Dayton, OH 45440-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Circuit Express, Inc. (CAGE Code: 0SX42) Location: 229 S. Clark Drive, Tempe, AZ 85281-3073, US

Plant Location: Same Address as Manufacturer

Manufacturer: Circuit Services, Inc. (CAGE Code: 0KG54)

Location: #27 24th Street, Kenner, LA 70062-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Circuitek (CAGE Code: 09004)

Location: Division of Transistor Devices, Inc., 560 Independence Street, Belvedere, NJ 07823-9998, PA 18327-0169, US

Plant Location: Same Address as Manufacturer

Manufacturer: Circuits CMR Ltee (CAGE Code: 3AJ10) Location: 850 Selkirk, Pointe Claire, QC H9R 3S2, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Cirtech, Inc. (CAGE Code: 8K616) Location: 250 E. Emerson Avenue, Orange, CA 92665, US

Plant Location: Same Address as Manufacturer

Manufacturer: Collins Printed Circuits (CAGE Code: 0EFD0)

Location: Division of Rockwell International, 460 Collins Road, N.E., Cedar Rapids, IA 52498-0001, US

Plant Location: Same Address as Manufacturer

Manufacturer: Colonial Circuits, Inc. (CAGE Code: 6T499) Location: 1026 Warrentown Road, Falmouth, VA 22406-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Compunetics, Inc. (CAGE Code: 30598) Location: 700 Seco Road, Monroeville, PA 15146-5176, US

Plant Location: Same Address as Manufacturer

Manufacturer: Coretec Comelin, Ltd. (CAGE Code: QUE12)

Location: Montgomery Way, Stratton Business Park, Biggleswade, SG18 8QB, Bedfordshire, England

Assembly Plant Location: Same Address as Manufacturer

Manufacturer: Coretec, Inc. (CAGE Code: 3AF82)

Location: 2020 Ellesmere Road, Scarborough, Ontario M1H 2Z8, Canada

Plant Locations:

1. Same Address as Manufacturer

2. 6550 Lawrence Avenue, Scarborough, Ontario, Canada

Manufacturer: Cosmotronic Corp. (CAGE Code: 63695)

Location: 16721 Noyes Avenue, Irvine, CA 92714, US

Manufacturer: Delta Circuit Technology, Inc. (CAGE Code: 8U401)

Location: 16028 Arminta Street, Van Nuys, CA 91406-1808, US

Plant Location: Same Address as Manufacturer

Manufacturer: Diversified Systems, Inc. (CAGE Code: 5S706)

Location: 3939 West 56th Street, Indianapolis, IN 46254, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dyconex AG (CAGE Code: 0S3N4)

Location: Grindelstrasse 40, CH-8303 Bassersdorf, Switzerland

Plant Location: Same Address as Manufacturer

Manufacturer: Dynaco Corp. (CAGE Code: 61642) Location: 1000 South Priest, Tempe, AZ 85281-5238, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic & Proto Circuits, Inc. (CAGE Code: 38898)

Location: 869 Barton Street, Stoney Creek, On L8E 5G6, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Milpitas) (CAGE Code: 05FV5)

Location: 1831 Tarob Court, Milpitas, CA 95035-6825, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Sterling) (CAGE Code: 0K703)

Location: 1200 Severn, Sterling, VA 20166-8904, US

Plant Location: Same Address as Manufacturer

Manufacturer: Eastern Manufacturing Corp. (CAGE Code: 0BX48)

Location: 2 Industrial Way, Amesbury, MA 01913-3287, US

Plant Location: Same Address as Manufacturer

Manufacturer: Eldec Corp. (CAGE Code: 08748)
Location: P.O. Box 97027, Lynwood, WA 98046-9727, US

Plant Location: 1522 217th Place SE, Bothell, WA 98021-7699, US

Manufacturer: Electro Mechanical Design Services, Inc. (CAGE Code: 6R136)

Location: 16618 Oakmont Avenue, Gaithersburg, MD 20877, US

Plant Location: Same Address as Manufacturer

Manufacturer: Electro Plate Circuitry, Inc. (CAGE Code: 79616)

Location: 1430 Century Drive, Carrollton, TX 75006, US

Plant Location: Same Address as Manufacturer

Manufacturer: Electropac Canada, Inc. (CAGE Code: 38722)

Location: 3500 Trans Canada Highway, Pointe Claire, Quebec H9R 1B1, Canada

Manufacturer: Electropath, Inc. (CAGE Code: 66140)

Location: 10137 Canoga Avenue, Chatsworth, CA 91311-3006, US

Plant Location: Same Address as Manufacturer

Manufacturer: Elreha Printed Circuits Corp. (CAGE Code: 59020) Location: 2510 Terminal Drive, S., St. Petersburg, FL 33712-1669, US

Plant Location: Same Address as Manufacturer

Manufacturer: Eltek, Ltd (CAGE Code: S4451)

Location: Sgoola Industrial Park, P.O. Box 159, 49101 Petach-Tikva, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: EPEC, Inc. (CAGE Code: 08817)
Location: Industrial Park, New Bedford, MA 02745, US

Plant Location: Same Address as Manufacturer

Manufacturer: Etch-Tek Electronics Corp. (CAGE Code: 0N2E4)

Location: 2455 Bates Avenue, Concord, CA 94520, US

Plant Location: Same Address as Manufacturer

Manufacturer: Fineline Circuits & Technology (CAGE Code: 0DEP8)

Location: 594 Apollo Street, Brea, CA 92821, US

Plant Location: Same Address as Manufacturer

Manufacturer: Futura Circuits (CAGE Code: 0CA49)

Location: 11950 28th Street, N., St. Petersburg, FL 33716-1816, US

Plant Location: Same Address as Manufacturer

Manufacturer: Future Technology (CAGE Code: 1MMS0) Location: 11140 Talbert Avenue, Fountain Valley, CA 92708, US

Plant Location: Same Address as Manufacturer

Manufacturer: Graphic Reasearch, LLC. (CAGE Code: 5K529) Location: 9334 Mason Avenue, Chatsworth, CA 91311-5201, US

Plant Location: Same Address as Manufacturer

Manufacturer: Graphic, Plc (CAGE Code: 0UH63)

Location: Marsh Road, Lords Meadow Ind. Estate, Crediton, De EX17 IEU, England

Plant Location: Same Address as Manufacturer

Manufacturer: Graphico Electronics Group (CAGE Code: 37442) Location: 1100 Bellamy Road North, Scarborough, On M1H 1H2, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: GTC Circuits Corp. (CAGE Code: 61666)

Location: 1450 Mission Avenue, N.E., Albuquerque, NM 87107-4925, US

Manufacturer: Hamby Corp. (CAGE Code: 07284)

Location: 27704 Avenue Scott, Valencia, CA 91355-1218, US

Plant Location: Same Address as Manufacturer

Manufacturer: Hans Brockstedt GmbH and Co. (CAGE Code: C4831)

Location: Kieler Str. 120, 2300 Kiel-Dronshagen, Germany

Plant Location: Same Address as Manufacturer

Manufacturer: Holaday Circuits, Inc. (CAGE Code: 59554) Location: 11126 Bren Road, W., Minnetonka, MN 55343, US

Plant Location: Same Address as Manufacturer

Manufacturer: Honeywell Advanced Circuits, Inc. (CAGE Code: 32665) Location: 15102 Minnetonka Industrial Road, Minnetonka, MN 55345-2112, US

Plant Location: 1735 Terrace Drive, Roseville, MN 55113, US

Manufacturer: Hunter Technology (CAGE Code: 55536)

Location: 3305 Kifer Road, Santa Clara, CA 95051, US

Plant Location: Same Address as Manufacturer

Manufacturer: IMI, Inc. (CAGE Code: 78259)

Location: 140 Hilldale Avenue, Haverhill, MA 01830-3830, US

Plant Location: Same Address as Manufacturer

Manufacturer: Integrated Technology, Ltd. (ITL) Circuis (CAGE Code: 38747)

Location: 90 Don Park Road, Markham, On L3R 1C4, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Invotec Circuits Tamworth, Ltd. (CAGE Code: 0UT00)

Location: Hedgin Lane, Dosthill, Tamworth, St B77 5HH, England

Plant Location: Same Address as Manufacturer

Manufacturer: Johns Hopkins University (CAGE Code: 88898)

Location: Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099, US

Plant Location: Same Address as Manufacturer

Manufacturer: KCA Electronics (Anaheim) (CAGE Code: 1VUH8)

Location: 223 N. Crescent Way, Anaheim, CA 92801-6704, US

Plant Location: Same Address as Manufacturer

Manufacturer: KCA Electronics (Placentia) (CAGE Code: 65708)

Location: 711 Fee Ana Street, Placentia, CA 92670-2108, US

Plant Location: Same Address as Manufacturer

Manufacturer: L3 Communications (CAGE Code: 62939) Location: 960 River Road, Croydon, PA 19020-7597, US

Manufacturer: Lockheed Martin Integration Systems (CAGE Code: 03640)

Location: 1801 State Route 17-C, Owego, NY 13827-3998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Lockheed Martin Missiles & Fire Control-Orlando (CAGE Code: 04939)

Location: 5600 W. Sandlake Road, Orlando, FL 32819, US

Plant Location: Same Address as Manufacturer

Manufacturer: Marlo Electronics, Inc. (CAGE Code: 0BW72) Location: 4007 E. 6th Avenue, Ft. Lauderdale, FL 33334-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Melta, Ltd. (CAGE Code: \$8986) Location: P.O. Box 609, Nazareth Elite 17000, Israel

Plant Location: 3 Haual Street, Nazareth Elite 17000, Israel

Manufacturer: Metaplast Circuits, Ltd. (CAGE Code: 3AD63) Location: 180 Hymus Road, Scarborough, On M1L 2E1, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Micom Corporation (CAGE Code: 34076)
Location: 475 NW Eighth Avenue, New Brighton, MN 55112, US

Plant Location: Same Address as Manufacturer

Manufacturer: Micom West (CAGE Code: 0KN48)
Location: 1609 West 17th Street, Tempe, AZ 85281-6227, US

Plant Location: Same Address as Manufacturer

Manufacturer: Micro Via Inc. (CAGE Code: 4U649) Location: 1150 Belle Ave., Winter Springs, FL 32708, US

Plant Location: Same Address as Manufacturer

Manufacturer: Midwest Printed Circuits Services (CAGE Code: 0YYS4)

Location: 1741 Circuit Drive, Round Lake Beach, IL 60073-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Mitsubishi Electric Corp. (CAGE Code: S5713)

Location: Sagami Works Printed Circuit Board, Manufacturing D, 8-1-1 Tsukaguchi, Honmachi, Hyogo 661, Japan

Plant Location: Same Address as Manufacturer

Manufacturer: Multi-Plate Circuits, Inc. (CAGE Code: 65340)

Location: 2362 Lu Field Road, Dallas, TX 75229-2022, US

Plant Location: Same Address as Manufacturer

Manufacturer: North Texas Circuit Board (CAGE Code: 5S424) Location: 1501 W. Shady Grove Road, Grand Prairie, TX 75050, US

Manufacturer: Northrop Gruman Corp. (CAGE Code: 26916) Location: 600 Hicks Road, Rolling Meadows, IL 60008-1098, US

Plant Location: Same Address as Manufacturer

Manufacturer: OK Print Corp. (CAGE Code: 0G2V7)

Location: 3-21-18 Higashi-Koigakubo, Kokubunji-Shi, Tokyo 185-0014, Japan

Plant Location: Same Address as Manufacturer

Manufacturer: P.C. Dynamics Corp. (CAGE Code: 67364)

Location: 10501 FM 720 East, Frisco, TX 75035, US

Plant Location: Same Address as Manufacturer

Manufacturer: P.C. World (CAGE Code: 38642)

Location: 250 Finchdene Square, Scarborough, On M1X 1A5, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: PCB, Ltd. (CAGE Code: S5725)

Location: P.O. Box 631, Industrial Zone, Migdal, Ha 10556, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Petasys Co., Ltd. (CAGE Code: SG263)

Location: 29-54 Bonli-Li Nong Kong-up, Dalsung-Kun, 711-855, Taegu, Korea

Plant Location: Same Address as Manufacturer

Manufacturer: Philway Products, Inc. (CAGE Code: 21971)

Location: 701 Virginia Avenue, Ashland, OH 44805, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pho-Tronics, Inc. (CAGE Code: 79243)

Location: 8701 West Bradley Road, Milwaukee, WI 53224-2817, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pioneer Circuits, Inc (CAGE Code: 65723)
Location: 3010 South Shannon Street, Santa Ana, CA 92704, US

Plant Location: Same Address as Manufacturer

Manufacturer: Precision Circuits West, Inc. (CAGE Code: 06CT6)
Location: 3310 W. Harvard Street, Santa Ana, CA 92704-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Precision Diversified Industries, LLC (CAGE Code: 65722)

Location: 14755 27th Avenue, N., Plymouth, MN 55447-4809, US

Plant Location: Same Address as Manufacturer

Manufacturer: Precision Prototypes, Inc. (CAGE Code: 3T319)

Location: 255 Midland Avenue, Garfield, NJ 07026-1710, US

Manufacturer: Printca A/S (CAGE Code: R2180) Location: Strendborgvej 3, DK-9220 AalBorg, Denmark

Plant Location: Same Address as Manufacturer

Manufacturer: Printed Circuits, Inc. (CAGE Code: 65114)
Location: 1200 West 96th Street, Minneapolis, MN 55341-2606, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pro-Circuits Co., Inc. (CAGE Code: 5Z656)
Location: 11585 Sheldon Street, Sun Valley, CA 91352-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pronto Circuit Technologies (CAGE Code: 66321) Location: 1140 N.W. 55th Street, Fort Lauderdale, FL 33309-2822, US

Plant Location: Same Address as Manufacturer

Manufacturer: Proto Circuit, Inc. (CAGE Code: 7Z463) Location: 7 Ascot Parkway, Cuyahoga Falls, OH 44223, US

Plant Location: Same Address as Manufacturer

Manufacturer: Prototron Circuits Southwest, Inc. (CAGE Code: 66109)

Location: 3760 East 43rd Place, Tucson, AZ 85713-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Rapid Circuits, Inc. (CAGE Code: 0D357)
Location: 6401 MacPherson Avenue, Levittown, PA 19057, US

Plant Location: Same Address as Manufacturer

Manufacturer: RexCan Circuits, Inc. (CAGE Code: 3AB67)

Location: P.O. Box 949, 161 Bridge Street West, Belleville, K8N 5B6, Ontario, Canada

Assembly Plant Location: Same Address as Manufacturer

Manufacturer: Rigiflex Technology, Inc. (CAGE Code: 0XBX9)

Location: 1166 N. Grove Street, Anaheim, CA 92806, US

Plant Location: Same Address as Manufacturer

Manufacturer: RJR Circuits, Inc. (CAGE Code: 66525) Location: 1830 South Bannock Street, Denver, CO 80223, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sanmar Micropack, Ltd. (CAGE Code: 0RJ33)

Location: Plot No. 16 Jigani Industrial Area, Anekal Taluk, Bangalore District 562 106, India

Plant Location: Same Address as Manufacturer

Manufacturer: Sanmina (CAGE Code: 65316)

Location: P.O. Box 8240, Ward Hill, MA 01835-8240, US

Manufacturer: SAS Circuits, Inc. (CAGE Code: 75815)
Location: 10570 Bradford Road, Littleton, CO 80127-4211, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sierra Circuits, Inc. (CAGE Code: 0Z4SH) Location: 1108 W. Evelyn Avenue, Sunnyvale, CA 94086, US

Assembly Plant Location: Same Address as Manufacturer

Manufacturer: Sovereign Circuits, Inc. (CAGE Code: 0GN71)

Location: P.O. Box 216, 12080 DeBartolo Drive, N. Jackson, OH 44451, US

Plant Location: Same Address as Manufacturer

Manufacturer: Speedy Circuits, Inc. (CAGE Code: 66982)

Location: 5332 Commercial Drive, Huntington Beach, CA 92649-1252, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sun Circuits, Inc. (CAGE Code: 41798)

Location: 5191 LaFayette Street, Santa Clara, CA 95054-9998, US

Plant Location: Same Address as Manufacturer

Manufacturer: Syncom Engineering (CAGE Code: 59969)

Location: 15749 Stagg Street, Van Nuys, CA 91406, US

Plant Location: Same Address as Manufacturer

Manufacturer: Taylor Technologies, Inc. (CAGE Code: 1Q3K4) Location: 1008 Carlos Parker Boulevard, SW, Taylor, TX 76574, US

Plant Location: Same Address as Manufacturer

Manufacturer: Teradyne Inc. (CAGE Code: 3T000)

Location: Connection Systems Division, 91 Northeastern Blvd., Nashua, NH 03062, US

Plant Location: Same Address as Manufacturer

Manufacturer: Thales Nederland B.V. (CAGE Code: H0203)

Location: Department Bareboards & Substrates, Zuidelijke Havenweg 40, 7554RR Hengelo, The Netherlands

Plant Location: Same Address as Manufacturer

Manufacturer: The Bureau Electronics Group (CAGE Code: 06050) Location: 3311 Broadway Street, N.E., Minneapolis, MN 55413-1791, US

Plant Location: Same Address as Manufacturer

Manufacturer: Thomas Walter, Ltd (CAGE Code: 0ZY41)

Location: 1 First Avenue, Glove Business Park, Marlow, Bu S17 1YA, England

Plant Location: Same Address as Manufacturer

Manufacturer: Trans/Circuits, Inc. (CAGE Code: 0BPH7)
Location: 661 40th Street South, St. Petersburg, FL 33784, US

Manufacturer: Transline Technology, Inc. (CAGE Code: 52794)

Location: 1106 S. Technology Circle, Anaheim, CA 92805, US

Assembly Plant Location: Same Address as Manufacturer

Manufacturer: Tri-Star Engineered Products, Inc. (CAGE Code: 5Y828)

Location: 351 Thor Place, Brea, CA 92621, US

Plant Location: Same Address as Manufacturer

Manufacturer: Tyco Printed Circuit Group (CAGE Code: 1EHD4)

Location: Austin Division, 12501 Research Blvd., Module I, Austin, TX 78759, US

Plant Location: Same Address as Manufacturer

Manufacturer: Tyco Printed Circuit Group (CAGE Code: 55655)

Location: San Diego Division, 45037 Ruffmer Street, San Diego, CA 92111-1107, US

Plant Location: Same Address as Manufacturer

Manufacturer: Tyco Printed Circuit Group (CAGE Code: 5L706)

Location: Stafford Division, Old Monson Road, P.O.Box 145, Stafford, CT 06075, US

Plant Location: Same Address as Manufacturer

Manufacturer: Tyco Printed Circuit Group (CAGE Code: 65416)

Location: Manchester Division, 50 Harrison Street, Manchester, CT 06040, US

Plant Location: Same Address as Manufacturer

Manufacturer: Tyco Printed Circuit Group (CAGE Code: 65916)

Location: Santa Clara Division, 393 Matthew Street, Santa Clara, CA 95050, US

Plant Location: Same Address as Manufacturer

Manufacturer: Tyco Printed Circuit Group (Melbourne) (CAGE Code: 64324)

Location: 200 East Drive, Melbourne, FL 32904-1027, US

Plant Location: Tyco Printed Circuit Group, Inc. (Melbourne) (600-C N. John Rhodes Blvd., Melbourne, FL 32904)

Manufacturer: United Circuits, Inc. (CAGE Code: 65119)

Location: 100 Pleasant Street, Dracut, MA 01826, US

Plant Location: Same Address as Manufacturer

Manufacturer: Universal Circuits, Inc. (CAGE Code: 45032) Location: 8860 Zackery Lane, Maple Grove, MN 5569-4596, US

Plant Location: Same Address as Manufacturer

Manufacturer: Valley Circuits, Inc. (CAGE Code: 8W955) Location: 11031 Glenoaks Boulevard, Pacoima, CA 91331, US

Plant Location: Same Address as Manufacturer

Manufacturer: Vermont Circuits, Inc. (CAGE Code: 65200)
Location: P.O. Box 1890, 76 Technology Dr., Brattleboro, VT 05302, US

Manufacturer: Viasystems Mommers, B.V. (CAGE Code: 41849)

Location: Post Bus 34, Peutenweg 2, 6101 VZ Echt, Netherlands

Plant Location: Same Address as Manufacturer

Manufacturer: Viasystems Tyneside, Ltd. (CAGE Code: 0WZ06)
Location: Eldon Street, South Shields, Tyne and Wear NE33 5BU, England

Plant Location: Same Address as Manufacturer

Manufacturer: Westak of Oregon (CAGE Code: 65745)
Location: 3941 24th Avenue, Forest Grove, OR 97116-2297, US

Plant Location: Same Address as Manufacturer

Manufacturer: WR-ALC/LYP (CAGE Code: 0RCH2)

Location: Avionics Management Directorate Production Div., 380 2nd Street, Suite 104, Robins AFB, GA 31098-1638, US

Plant Location: Same Address as Manufacturer

Manufacturer: W-Tek, Inc. (CAGE Code: 67370) Location: 230 Irby Lane, Irving, TX 75061-7046, US

Plant Location: Same Address as Manufacturer

Manufacturer: Xcel Corp. (CAGE Code: 02PR2)
Location: 4290 E. Brickell Street, Ontario, CA 91761, US

Plant Location: 720 Huntington Drive, Monrovia, CA 91016, US Manufacturer: Young Electronics (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US